



WMD Conference 2009

Biological Training Symposium

This presentation will provide an overview of the various types of biological weapons and tactics for their use as a weapon of mass destruction. Two of the leading experts in the field of biological weapons, Mr. William Patrick and Dr. Richard Spertzel, will present a comprehensive program detailing the offensive and defensive capabilities of the United States and other countries, in relation to biological warfare.

Mr. Patrick will present a brief history of the United States biological offensive weapons program. Detailing the progress of offensive weapons capabilities in production and dissemination he will discuss the true threat of biological weapons. Results of tests of actual dispersion of biological stimulants and the effects of spore size, preparation of materials and dispersal methods will illustrate the hazards and potential of a properly prepared biological weapon system. Meteorological and dispersal conditions relating to agent selection and how they affect infectivity and agent mortality will be presented to provide a better understanding of the hazard and effectiveness of biological warfare.

Dr. Spertzel will discuss the various agents and production indicators. Having an extensive background in the detection of biological weapons in Iraq with the United Nations and a good understanding of clandestine production, Dr. Spertzel will contrast the capabilities of small scale clandestine production with the large scale production found in use by state sponsored programs. Contrasting the various types of equipment, growth media and production facilities will give the attendee a comprehensive understanding of the hazards of production of biological weapons. Indicators for the detection and identification of biological weapon production during the preparation, production and post-production phases will be discussed.

During their presentations both speakers will supplement their presentation with individual experiences. They will also make themselves available for a question and answer session after the presentation.

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